

52026

End window beta-gamma ionization chamber



GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	4.9/124.4
MAXIMUM DIAMETER (INCH/MM)	3.0/76.2
EFFECTIVE LENGTH (INCH/MM)	3.66/92.9
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
FILL GAS	Argon
FILL PRESSURE (TORR)	800
ANODE CONNECTOR	#6 - 32 thread
CATHODE CONNECTOR	Solder Lug

GUARD CONNECTOR	Solder Lug
STORAGE TEMPERATURE RANGE (°C)	-40 to 100
MINIMUM SHELF LIFE (YEARS)	2

WINDOW SPECIFICATIONS

MATERIAL	Beryllium
THICKNESS (INCH/MM)	.005/.127
EFFECTIVE DIAMETER (INCH/MM)	2.71/68.8

OPERATING CHARACTERISTICS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
OPERATING TEMPERATURE RANGE °C	25 to 85
MAXIMUM OPERATING VOLTAGE (VOLTS)	800
GAMMA SENSITIVITY (A/R/HR - CO60)	4.5E-11
GAMMA SENSITIVITY (CS137) (A/R/HR)	5.2E-11
RESISTANCE - CATHODE TO GUARD (OHMS)	>1.0E12
RESISTANCE - SIGNAL TO GUARD (OHMS)	>1.0E14





